

ABSTRACT OF THE DISCLOSURE

A high molecular weight ("HMW") protein of  
Chlamydia, the amino acid sequence thereof, and antibodies  
that specifically bind the HMW protein are disclosed as well  
5 as the nucleic acid sequence encoding the same. Also  
disclosed are prophylactic and therapeutic compositions,  
comprising the HMW protein, a fragment thereof, or an  
antibody that specifically binds the HMW protein or a portion  
thereof, or the nucleotide sequence encoding the HMW protein  
10 or a fragment thereof, including vaccines.

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